GOVERNMENT OF ANDHRA PRADESH

A B S T R A C T

Municipal Administration and Urban Development Department – Director of Municipal Administration – Drone based survey in 110 ULBs of Andhra Pradesh – Procurement of Drones and related Hardware & Software, training of ULB personnel/Staff and operation – request for permission to Procurement of 140 Drones - Permission – Accorded – Orders Issued.

MUNICIPAL ADMINISTRATION & URBAN DEVELOPMENT (UBS) DEPARTMENT

G.O.MS.No. 91 Dated: 08-03-2018

Read:

e- File. No. APMDP- 14021/2/2018/PS Sec-APMDP, from DMA, Guntur

<>o<>

O R D E R:

In the letter read above, the Director of Municipal Administration, Guntur has stated that the preparation of GIS Base Maps, Updation of Revenue Date Base & Rationalization of House Numbering works is under progress in 110 ULBs of Andhra Pradesh under the World Bank project with an objective:

(i) To improve urban governance and finance through the implementation of an agreed reform agenda at Sate Level.
(ii) To enhance capacity of State, Local and Community groups to manage urban affairs through a demand driven capacity enhancement program; and
(iii) To support the rehabilitation and creation of sustainable urban services with economic and social benefits at community and city-wise levels.

The said works are nearing to completion.

2. The Director Municipal Administration, Guntur has further stated that during the review meeting, the Hon'ble Chief Minister has directed to implement Drones based survey and procure required no. of Drones for effective implementation. Accordingly, the DMA has intends to do a Drone Based survey for Stereo image acquisition to update the existing base maps which are being prepared under the World Bank Project for all 110 ULBs of the Sate of A.P. The Drone based survey will help to identify the Building Change Detection & Unauthorized Constructions, Identification of Water Bodies & Catchment Area, Tree Census, Road & Footpath encroachments, Road Widening programs, Road Conditions Monitoring, Solid Waste Management, Parking Places etc., and to integrate with the central data base maintained by the DMA for all the ULBs. Through Drone operations, the DMA aims to integrate and manage the Building Permission, Infrastructure Management, Property Tax and asset management system which will handle automated work flows and also it is useful to the Civic authorities in day to day operations and proper decision making.

3. The DMA, Guntur has also stated that for the above said purpose, the following Drones, Hardware for Drone data processing and Software and Manpower for training has to be procured:

Contd..2.,

(a) 120 Nos of Rotary Drones & 20 Nos of Fixed Wing Drones (totaling 140 Drones)

(b) Hardware for Drone data Processing:-

(i) Servers 4 Nos
(ii) Workstations 100 Nos
(iii) Storage 2000 TB – 1 No
(iv) Racks to host the servers, Workstations and Networking (lump sum)

(c) Software for Drone data processing and image processing

(d) Training program for 300 personnel/staff covering in all 110 ULBs and during the Drones operations, the services of trained Personnel shall be utilized.

(e) Manpower for processing the Drone data at the data center for generating the desired output.

(f) The contract duration is for the duration of one year.

4. The Director Municipal Administration, Guntur has requested the Government to accord necessary permission to the DMA, Guntur for the procurement of 140 Drones and related Software and Hardware so as to issue of RFP through competitive bidding in a transparent manner.

5. Government after careful examination of proposal of the Director of Municipal Administration, Guntur hereby accord permission to the Director Municipal Administration, Guntur for procurement of 140 Drones and related Software and Hardware and issue of RFP through competitive bidding in transparent manner.

6. The Director of Municipal Administration, Guntur shall take necessary action in the matte accordingly.

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

R.KARIKAL VALAVEN
PRINCIPAL SECRETARY TO GOVERNMENT

To
The Director of Municipal Administration, Guntur, AP.
The Project Director, APMDP, Guntur
The Director of Town and Country Planning, Guntur
Copy to:
The OSD to Hon'ble M (MA&UD)
The P.S. to Principal Secretary to Government, MA&UD, Department

//FORWARDED:: BY ORDER//

RESEARCH OFFICER